

Section 838—Graffiti Proof Coating for Concrete

838.1 General Description

This section includes the requirements for products that make graffiti-proof coatings and an effective graffiti removal system over specified surfaces.

838.1.01 Related References

A. Standard Specifications

Section 836—Special Surface Coating for Concrete

B. Referenced Documents

QPL 42

838.2 Materials

838.2.01 Graffiti Proof Coating

A. Requirements

1. Type

Select an approved graffiti guard from QPL 42. When using special surface coatings as base coats, ensure the special surface coatings meet Section 836 requirements and the two coatings are compatible.

2. Certification

Submit a sample and an annual warranty for evaluation each year, or whenever product formulation changes, whichever comes first.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

1. The Department will evaluate the compatibility of the graffiti-proof coating and the special surface coating as a graffiti guard system.
2. The manufacturer will submit test results from an Independent Laboratory showing that the coating meets the following requirements:
 - a. Freeze-Thaw Resistance
 - 1) No evidence of cracking or adhesive loss after 100 freeze-thaw cycles
 - 2) Easy to remove dried paint using a cleaner supplied by the producer or a commercial paint stripper
 - b. Accelerated Weathering

No evidence of cracking or adhesive loss and no discoloration after 1,500 hours of exposure in a Twin Arc Weatherometer.

D. Materials Warranty

General Provisions 101 through 150.

Section 839—Corrugated Polyethylene Underdrain Pipe

839.1 General Description

This section includes the requirements for corrugated polyethylene underdrain pipe and fittings used primarily as highway underdrain and temporary slope drains.

839.1.01 Related References

A. Standard Specifications

General Provisions 101 through 150.